



Technical Journal

TITLE:
ERAD Clutch DTCs, Signal Compare Failure DTCs and/or Watchdog Failure DTCs

REF NO: TJ 33723.1.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2018-04-24	STATUS DATE: 2018-05-08
FUNC GROUP: 4601	FUNC DESC: Rear axle, complete	Page 1 of 2	

“Right first time in Time”

Attachment

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
2XX	BA						2016-2018		-	201526-201808
2XX	BC						2016-2018		-	201526-201808
2XX	BM						2016-2018		-	201526-201808
2XX	BR						2016-2018		-	201526-201808

CSC Customer Symptom Codes

Code	Description
YS	Drive mode "HYBRID"/Combustion engine active/Always/too often
53	Driving, Twin Engine/Propulsion using electric motor not possible
MU	4-wheel/all wheel drive/Does not work
8N	Driving/Unusual noise/Unsure when/at all times
D2	Front/rear axle/Unusual noise
W2	Front/rear axle/Vibration/shake

VST Operation Number



DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
IEM	P286D00	Intermittent
IEM	P286F00	Intermittent
IEM	P287100	Intermittent
IEM	P090119	Intermittent
IEM	P090162	Intermittent
IEM	P09019A	Intermittent
IEM	P0A1B47	Intermittent
IEM	P0A1B62	Intermittent
BCM	U029600	Intermittent

DESCRIPTION:

If above Diagnostic Trouble Codes (DTCs) are set, follow advice under “Service”.

ERAD=Electric Rear Axle Drive

IEM = Inverter ERAD Module

SERVICE:

Revised IEM software has been released.

Perform an upgrade of the software according to TJ 31543.

Test the car and check if any of the above DTCs return.

If any DTC returns repair the car according VIDA and/or TJ33557 as necessary.

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area “Vehicle Report” and sub concern area “Support not needed”, use function group 4601.